SPECIAL ORDINANCE NO. S-31-94

AN ORDINANCE approving Agreement for Engineering Services between BONAR & ASSOCIATES, INC. and the City of Fort Wayne, Indiana, in connection with the Board of Public Works.

NOW, THEREFORE, BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT WAYNE, INDIANA:

SECTION 1. That the Agreement for Engineering Services by and between BONAR & ASSOCIATES, INC. and the City of Fort Wayne, Indiana, in connection with the Board of Public Works, for:

Resident Engineering Services, O & M Manual, Operator Training, and Post Construction Services for Construction of Division I, Upgrade of the Anaerobic Digesters and Division II, Sludge Digestion Facilities Improvements and Waste Activated Sludge Thickening Facilities for the Paul L. Brunner Water Pollution Control Plant;

the contract price is Two Hundred Ninety Thousand and no/100 Dollars (\$290,000.00) all as more particularly set forth in said Agreement, which is on file in the Office of the Board of Public Works and, is by reference incorporated herein, made a part hereof, and is hereby in all things ratified, confirmed and approved. Two (2) copies of said Resolution are on file with the Office of the City Clerk and made available for public inspection, according to law.

SECTION 2. That this Ordinance shall be in full force and effect from and after its passage and any and all necessary approval by the Mayor.

Sam Jalarico
Council Member

APPROVED AS TO FORM AND LEGALITY

J. Timothy McCaulay, City Attorney

AGREEMENT FOR ENGINEERING SERVICES

FOR

RESIDENT ENGINEERING SERVICES, O & M MANUAL, OPERATOR TRAINING, AND POST CONSTRUCTION SERVICES

FOR

CONSTRUCTION OF DIVISION I, UPGRADE OF THE ANAEROBIC DIGESTERS

AND DIVISION II, SLUDGE THICKENING FACILITIES

AT THE PAUL L. BRUNNER WATER POLLUTION CONTROL PLANT

BY AND BETWEEN

CITY OF FORT WAYNE, INDIANA

AND

BONAR & ASSOCIATES, INC. 616 South Harrison Street Fort Wayne, Indiana 46802

AGREEMENT

THIS AGREEMENT, made by and between the CITY OF FORT WAYNE, Fort Wayne, Indiana, acting by and through its Board of Public Works and Safety, hereinafter referred to as "OWNER"; and BONAR & ASSOCIATES, INC., an Indiana corporation, hereinafter referred to as "BONAR", whose principal officers are Ronald L. Bonar, P.E., President; Darrell Post, P.E., Vice President; Michael P. Hunter, P.E., Vice President; and whose principal business address is 616 South Harrison Street, Fort Wayne, Indiana 46802.

WITNESSETH, that:

WHEREAS, the OWNER has received bids and awarded one or more contracts for the construction of the Division I (Upgrade of the Anaerobic Digesters), and Division II, (Sludge Thickening Facilities), at the City of Fort Wayne, Paul L. Brunner, Water Pollution Control Plant, hereinafter referred to as "PROJECT", in accordance with plans, specifications and other "Contract Documents" as specified in such contracts and prepared for the OWNER and Project by HNTB Corporation of Indianapolis, Indiana, hereinafter referred to as the "ENGINEER", and

WHEREAS, OWNER has engaged the ENGINEER to provide the construction engineering services for the PROJECT, and

WHEREAS, OWNER desires to procure services supplemental to those to be performed by ENGINEER, by engaging and employing BONAR to provide resident engineering, O & M Manual, operator training, and post-construction services for the PROJECT as hereinafter specified, and

NOW, THEREFORE, the **OWNER** and **BONAR**, for the considerations named herein, agree as follows:

SECTION 1. CONSTRUCTION PHASE SERVICES

1.1 Upon written authorization by the OWNER, and during construction of the

PROJECT for a term not to exceed 540 consecutive calendar days following the date upon which a Notice to Proceed is given to the Contractor as provided by the Contract Documents, BONAR shall provide supplemental on-site construction engineering services for the PROJECT in conjunction with services to be performed by the ENGINEER as specified in the separate agreement between the OWNER and ENGINEER. Such services shall be performed by at least one qualified Resident Project Representative whose duties and responsibilities shall be to:

- 1.1.1 Attend pre-construction conferences, contractor meetings and progress meetings with the OWNER; arrange or assist the OWNER or Engineer in arranging and scheduling of progress meetings and other job conferences as required in consultation with Engineer and OWNER and notify those expected to attend in advance; maintain and circulate copies of the records of the meeting.
- 1.1.2 Report daily to the **OWNER** concerning significant construction activity and submit a written monthly summary of construction progress; keep a diary or log book, recording hours on the job site, weather conditions, specific observations.
- 1.1.3 Advise and consult with the OWNER and Engineer concerning contractor's schedules and issues which may arise in respect of scheduling conflicts or interference with OWNER'S plant operations or other coordination matters.
- 1.1.4 Review progress schedules for compliance with the contract and give written advice to the ENGINEER and OWNER.
- 1.1.5 Serve as liaison to facilitate communications between and among the ENGINEER, OWNER, and Contractor concerning any questions or issues in respect of administration of the contract for construction;
- 1.1.6 Assist ENGINEER in obtaining from the OWNER additional details or information from OWNER or Contractor;
- 1.1.7 Assist ENGINEER in obtaining field samples of materials delivered to the site which are required to be furnished, and keep record of actions taken by ENGINEER.
- 1.1.8 Monitor Contractor's submissions of shop drawings, product data, samples and other information and the actions taken with respect to same by the ENGINEER;
- 1.1.9 Conduct on-site observations of construction in progress and notify the ENGINEER and OWNER if construction is observed not to be in compliance with Contract Documents or approved submittals;
- 1.1.10 Advise and consult with the ENGINEER concerning claims, disputes and other matters in question in respect of which the ENGINEER is required or authorized to issue interpretations of decisions as provided by the Contract Documents;

- 1.1.11 Verify that tests, including equipment and systems start-up are conducted as required by the Contract Documents, that Contractor maintains required records thereof and that copies of such records and data are furnished to the **OWNER** and **ENGINER**;
- 1.1.12 Consider and evaluate Contractor's suggestions for modifications in drawings or specifications and report them with recommendations to ENGINEER and a copy to the **OWNER**;
- 1.1.13 Accompany visiting inspectors representing public agencies having jurisdiction over the PROJECT;
- 1.1.14 Maintain at the job site orderly files for correspondence, contract documents, shop drawings, change orders; record names, addresses, and telephone numbers of all Contractors, Subcontractors, and major material suppliers.
- 1.1.15 Consult with ENGINEER and inform OWNER in advance of scheduled major tests, inspections, or start of important phases of construction;
- 1.1.16 Review applications for payment with the Contractor and forward with comments and recommendations to the ENGINEER for approval or other action;
- 1.1.17 Prior to inspection for substantial completion, assist ENGINEER in submitting to Contractor, a list of observed items requiring completion, correction or other actions required to be taken by Contractor to fulfill requirements of the Contract Documents;
- 1.1.18 Assist the ENGINEER in conducting final inspection and verification of Contractor's completion of punchlist items;
- 1.2 It is recognized, acknowledged and agreed between the parties that the PROJECT has been designed by the ENGINEER or other consultants engaged separately by OWNER, that ENGINEER is providing the construction engineering and contract administration services for the PROJECT as described in the ENGINEER's agreement with OWNER and in the Contract documents incorporated into or otherwise governing the contract between the OWNER and the Contractor, and that BONAR's duties and services as herein provided are intended to be collateral to and not in lieu of the duties and obligations of ENGINEER. Accordingly, BONAR shall not be responsible for any errors, omissions or deficiencies in plans, specifications or bid documents applicable to the PROJECT or for any act, neglect, error or omission on the part of the ENGINEER in performing construction engineering, contract administration or other services in respect of the PROJECT.
- 1.3 BONAR shall not have control or charge of and shall not be responsible for supervision of construction or for means, methods, techniques, sequences, or procedures, or for safety precautions and programs in connection with the Work, or for the acts, omissions, delay or breach of any contractor, subcontractor or any other person performing any of the Work or furnishing any materials or equipment to or for the PROJECT, or the failure of any of them to carry out the Work in accordance with the Contract Documents.

SECTION 2. O & M MANUAL, OPERATOR TRAINING, AND POST CONSTRUCTION

- 2.1 BONAR shall provide services including preparation of O & M Manual, operator training, and one year operational post construction assistance as more particularly described as follows:
 - 2.1.1 BONAR shall provide five copies of an Operation & Maintenance Manual to OWNER for the PROJECT in a form suitable for approval by the State and the United States Environmental Protection Agency.
 - 2.1.2 BONAR shall provide services to the OWNER during the post-construction one-year period after initiation of operation of the PROJECT. These services to include:
 - Oversight and observation of the unit processing equipment which makes up the new treatment works. The budget for this one-year postconstruction assistance is 80 hours.
 - Train or provide for training of operating personnel on new process. The budget for training is 40 hours.
 - Prepare curricula and training manuals for operating personnel on new process.
 - Revise the O & M Manual to accommodate actual operating experience of new process.
 - Assist OWNER in identifying warranty problems or issues and in giving notice to contractors.

SECTION 3. ADDITIONAL SERVICES

3.1 Additional services in connection with the PROJECT not otherwise provided for in this Agreement may be arranged for between BONAR and the OWNER and incorporated into this Agreement.

SECTION 4. OWNER'S RESPONSIBILITIES

OWNER shall do the following in a timely manner so as not to delay the services of **BONAR**:

- 4.1 Designate in writing a person to act as OWNER's representative with respect to the services to be rendered under this Agreement. Such person shall have complete authority to transmit instructions, receive information, interpret and define OWNER's policies and decisions with respect to BONAR's services for the PROJECT.
- 4.2 Provide all criteria and full information as to OWNER's requirements for the PROJECT.

- 4.3 Assist BONAR by placing at BONAR's disposal all available information pertinent to the PROJECT including previous reports and any other data relative to design or construction of the PROJECT.
- 4.4 Arrange for access to and make all provisions for BONAR to enter upon public and private property as required for BONAR to perform services under this Agreement.
- 4.5 Examine all studies, reports, sketches, Drawings, Specifications, proposals and other documents presented by BONAR, obtain advice of an attorney, insurance counselor and other consultants as OWNER deems appropriate for such examination and render in writing decisions pertaining thereto within a reasonable time so as not to delay the services of BONAR.
- 4.6 Furnish approvals and permits from all governmental authorities having jurisdiction over the **PROJECT** and such approvals and consents from others as may be necessary for completion of the **PROJECT**.
- 4.7 Provide such accounting, independent cost estimating and insurance counseling services as may be required for the PROJECT, such legal services as OWNER may require or BONAR may reasonably request with regard to legal issues pertaining to the PROJECT including any that may be raised by Contractor(s), such auditing service as OWNER may require to ascertain how or for what purpose any Contractor has used the moneys paid under the construction contract, and such inspection services as OWNER may require to ascertain that Contractor(s) are complying with any law, rule, regulation, ordinance, code or order applicable to their furnishing and performing the work.
- 4.8 If OWNER designates a person to represent OWNER at the site who is not BONAR or BONAR's agent or employee, the duties, responsibilities and limitations of authority of such other person and the affect thereof on the duties and responsibilities of BONAR will be set forth in an exhibit that is to be identified, attached to and made a part of this Agreement before such services begin.
- 4.9 If more than one prime contract is to be awarded for construction, materials, equipment and services for the entire **PROJECT**, designate a person or organization to have authority and responsibility for coordinating the activities among the various prime contractors.
- 4.10 Attend the pre-construction conferences, construction progress and other job-related meetings and substantial completion inspections and final payment inspections.
- 4.11 Give prompt written notice to BONAR whenever OWNER observes or otherwise becomes aware of any development that affects the scope or timing of BONAR's services, or any defect or non-conformance in the work of any Contractor.
- 4.12 Furnish, or direct BONAR to provide, Additional Services as stipulated in Section 3 of this Agreement or other services as required.
- 4.13 Bear all costs incident to compliance with the requirements of Section 4.

SECTION 5. PAYMENT TO BONAR

5.1 For services rendered in this agreement, as described in Section 1. Resident Engineering Services, and in Section 2. O&M Manual, Operator Training, and Post Construction Services, BONAR shall be paid on an hourly basis plus expenses, as described in Section 6, herein.

The estimated cost of services, as described and set forth in this agreement is \$290,000.

It is estimated the total cost to OWNER for the performance of the aforementioned services will not exceed the estimated cost as provided above; and BONAR agrees to use its good faith effort to perform said work within such estimated cost. If at any time, as the work progresses, BONAR has reason to believe that the costs will be greater than the estimated cost hereof, BONAR shall notify OWNER, in writing, to that effect giving the revised estimate of such costs for said work.

For billing purposes, BONAR shall use the hourly rates, as set forth in Section 6, times the number of hours worked, plus reimbursement expenses, billed at 1.1 times cost.

OWNER shall not be obligated to reimburse BONAR for costs incurred in excess of the estimated costs set forth above, and BONAR shall not be obligated to continued performance of said work or otherwise to incur costs in excess of the estimated costs set forth above, unless and until OWNER shall have notified BONAR, in writing, that such estimated cost has been increased and shall have specified in such a notice a revised estimated cost which shall thereupon constitute the revised estimated cost of said work. When and to the extent that the estimated cost set forth has been increased, any costs incurred by BONAR in excess of the estimated cost prior to such increases shall be allowable to the same extent as if such costs had been incurred after the increase.

- 5.2 BONAR shall submit monthly statements for Services rendered and for Reimbursable Expenses incurred. OWNER shall make prompt monthly payments in response to BONAR's monthly statements.
- 5.3 If OWNER fails to make any payment due BONAR for services and expenses within thirty days after receipt of BONAR's statement therefor, the amounts due BONAR will be increased at the rate of 1% per month from said thirtieth day, and in addition, BONAR may, after giving seven days' written notice to OWNER, suspend services under this Agreement until BONAR has been paid in full all amounts due for services, expenses and charges.

SECTION 6. HOURLY RATES

BONAR shall use the following hourly rates for the classification of individuals working on OWNER's PROJECT.

Classification	Billing Rate per Hour
Officer/Senior Project Manager	\$100.00
Engineering Coordinator	66.00
Senior Resident Project Representative	58.00
Resident Project Representative	50.00

Clerical 30.00

Reimbursable expenses will be billed in addition to the above hourly rates at 1.1 times cost, this includes printing, subconsultants, etc. Mileage shall be billed at \$.275 per mile.

SECTION 7. GENERAL CONDITIONS

7.1 Termination

The obligation to provide further services under this Agreement may be terminated by either party upon thirty days' written notice in the event of substantial failure by the other party to perform in accordance with the terms hereof through no fault of the terminating party.

7.2 Reuse of Documents

All documents including O & M Manuals and Training Manuals prepared or furnished by BONAR (and BONAR's independent professional associates and consultants) pursuant to this Agreement are instruments of service in respect of the PROJECT, and BONAR shall retain an ownership and property interest therein whether or not the PROJECT is completed. OWNER may make and retain copies for information and reference in connection with the use and occupancy of the PROJECT by OWNER and others; however, such documents are not intended or represented to be suitable for reuse by OWNER or others on extensions of the PROJECT or on any other project. Any reuse without written verification or adaptation by BONAR for the specific purpose intended will be at OWNER's sole risk and without liability or legal exposure to BONAR, or to BONAR's independent professional associates or consultants; and OWNER shall indemnify and hold harmless BONAR and BONAR's independent professional associates and consultants from all claims, damages, losses and expenses including attorneys' fees arising out of or resulting therefrom. Any such vertification or adaptation will entitle BONAR to further compensation at rates to be agreed upon by OWNER and BONAR.

7.3 Insurance

BONAR shall procure and maintain insurance for protection from claims under workers' compensation acts, claims for damages because of bodily injury including personal injury, sickness or disease or death of any and all employees or of any person other than such employees, and from claims or damages because of injury to or destruction of property including loss of use resulting therefrom.

7.4 Controlling Law

This Agreement is to be governed by the law of the State of Indiana and federal laws.

7.5 Successors and Assigns

- 7.5.1 OWNER and BONAR each is hereby bound and the partners, successors, executors, administrators and legal representatives of OWNER and BONAR (and to the extent permitted by Paragraph 7.5.2 the assigns of OWNER and BONAR) are hereby bound to the other party to this Agreement and to the partners, successors, executors, administrators and legal representatives (and said assigns) of such other party, in respect of all covenants, agreements and obligations of this Agreement.
- 7.5.2 Neither OWNER nor BONAR shall assign, sublet or transfer any rights under or interest in (including, but without limitation, moneys that may become due or

moneys that are due) this Agreement without the written consent of the other, except to the extent that any assignment, subletting or transfer is mandated by law or the effect of this limitation may be restricted by law. Unless specifically stated to the contrary in any written consent to an assignment, no assignment will release or discharge the assignor from any duty or responsibility under this Agreement. Nothing contained in this paragraph shall prevent BONAR from employing such independent professional associates and consultants as BONAR may deem appropriate to assist in the performance of services hereunder.

7.5.3 Nothing under this Agreement shall be construed to give any rights or benefits in this Agreement to anyone other than OWNER and BONAR, and all duties and responsibilities undertaken pursuant to this Agreement will be for the sole and exclusive benefit of OWNER and BONAR and not for the benefit of any other party.

IN WITNESS WHEREOF, the parties hereto have	re executed this Agreement in triplicate
this <u>23</u> day of <u>MARCH</u>	, 1994.
BONAR BONAR & ASSOCIATES, INC. 616 South Harrison Street Fort Wayne IN 46802 By: Ronald L. Bonar, President	OWNER CITY OF FORT WAYNE BOARD OF PUBLIC WORKS & SAFETY Charles E. Layton, Director
	Katherine A. Carrier, Member C. James Owen, Member ATTEST: Patricial J. Crick

5CCOIIG eu D V	st time in full a	7	n by ANY	,
title and referred City Plan Commission	to the Committee	on Coly	teleters	nd time by (a _y nd the
City Plan Commissio due legal notice, a Building, Fort Wayn		ncil confere	olic Hearing to nce Room 128. C	be held after
Building, Fort Wayn of	e, Indiana, on	(, the	, day
DATED:	4-12-94	1	o'clock /	M., E.S.T.
		SANDRA	E. KENNEDY, CI	TY CLERK
Read the thi	rd time in full a	and on motion	by Vale	rein
seconded by	oy the following	and duly ador	oted, placed on	its passage.
	AYES	NAYS	3 D.C	
		IVAIS	ABSTAINED	ABSENT
TOTAL VOTES	_6			3
BRADBURY				
EDMONDS				-
GiaQUINTA				
HENRY			• ;•	
LONG			· · ·	
LUNSEY			No. of the second	
RAVINE		- · · · · · · · · · · · · · · · · · · ·	× .	
SCHMIDT				
TALARICO				
DATED:	4-26-93		E.KENNEDY, CIT	
Passed and ad	lopted by the Com	mon Council	E. KENNEDY, CIT Elenfaly of the City of	Fort Wayne
Indiana, as (ANNE			N) (GENER	
(SPECIAL) (ZON				V
on the 26	Lday of a	eril	, 19 5 4	
· AT	TEST:	/CTAT	\	
Danles E. SANDRA E. KENNEDY C. Wash & Mary High	11 10	Or	1 (). Sch	midu
SANDRA E KENNEDY C	ITY CLERK	PRESIDI	NG OFFICER	,
	me to the Mayor			
	day of			
at the hour of	3:00 o'cle	ock P.	М., Е.S.Т.	
			Pariler E. A	1)
				/ /
Approved and	signed by me this	s_2 da	E KENNEDY CIT	g ceau
19 11 , at the hou				·
	-	Y	ll\ ı ı	
		PAUL HEL	MKE, MAYOR	

APRIL 11, 1994

MEMO TO: MEMBERS OF THE COMMON COUNCIL

RE: Introduction of Contracts for the Sludge Treatment Projects for the Water Pollution Control Plant (Sewer Bond)

The Work Covered By These Contracts Are:

- 1. Construction of a Sludge Thickening Facilities, (Div. I); to include all labor, materials, equipment, tools, power, miscellaneous equipment etc. for Construction of a new building, centrifuges, piping, controls and pertinent equipment. Construction by Bowen Engineering.
- Construction of New and Modification of Existing Facilities, (Div.II); to include all labor, materials, equipment, tools, electrical power, miscellaneous equipment etc. for the construction of a building addition, additional equipment for sludge heating, digester mixing equipment and equipment to convert two secondary digesters into primary digesters. Construction by Indiana Construction Company.
- 3. Construction Engineering during the construction of Div.I and Div.II; is for handling any questions, interpretation of specifications, modifications to the plans and specifications, review of shop drawings, handling of payment requests, etc. Engineering by HNTB Engineers.
- 4. Construction Resident Engineering during the construction of Div.I and Div.II; for on site inspection of construction inherent to the engineering plans and specifications and to confer with the Construction Engineering group for any questions that will arise daily. Resident Engineering by Bonar Engineers.

Bids and Proposal were received during 1993 for these Contracts As follows:

- 1. Div. I Project (5) bids were received and the lowest was accepted.
- 2. Div. II Project (3) bids were received and the lowest was accepted.
- 3. Construction Engineering (2) proposal were received and the best was accepted.
- 4. Resident Engineering (3) proposal were received and the best was accepted.

The combined project is expected to take eighteen (18) months to complete.

TITLE OF ORDINANCE: Agreement between the City and Bonar & Associates, Inc., for Engineering Services for Resident Engineering Services, O & M Manual, Operator Training, and Post Construction Services for Construction of Division I, Upgrade of the Anaerobic Digesters and Division II, Sludge Digestion Facilities Improvements and Waste Activated Sludge Thickening Facilities for Paul L. Brunner Water Pollution Control Plant.

DEPARTMENT REQUESTING ORDINANCE: Board of Public Works

SYNOPSIS OF ORDINANCE: Agreement between the City and Bonar & Associates, Inc., for Engineering Services for Resident Engineering Services, O & M Manual, Operator Training, and Post Construction Services for Construction of Division I, Upgrade of the Anaerobic Digesters and Division II, Sludge Digestion Facilities Improvements and Waste Activated Sludge Thickening Facilities for Paul L. Brunner Water Pollution Control Plant.

EFFECT OF PASSAGE: Project can be completed.

EFFECT OF NON PASSAGE:

MONEY INVOLVED (DIRECT COSTS, EXPENDITURE, SAVINGS) \$290,000.00 (Sewer Bond)

ASSIGNED TO COMMITTEE:

REPORT OF THE COMMITTEE ON CITY UTILITIES Committee of the Office

DAVID C. LONG - SAMUEL J. TALARICO - CO-CHAIR MARK E. GiaQUINTA REBECCA J. RAVINE

WE, YOUR COMMITTEE	ONCITY	UTILITIES		TO W	HOM WAS
REFERRED AN (ORDIN Engineering Services Fort Wayne, Indiana,	between BONAR	& ASSOCIATES	, INC. and	the City	
HAVE HAD SAID (ORD	INANCE)	NOKEKKKKSZZE)	X) UNDER	CONSIDE	RATION
AND BEG LEAVE TO R (ORDINANCE) (RE	EPORT BACK	TO THE COM	MON COUNC	IL THAT	SAID
DO PASS Sond Talania Keller Karrie	DO NOT PA	<u>SS</u>	<u>ABSTAIN</u>	<u>N</u>	O REC
Share of the state					
Brisburi Detus R. C.	7. dmonds	:			
			9		

DATED: 4-26-94.